

BREATHE EASIER AS YOU REOPEN YOUR BUILDING

As businesses prepare for full activity, air quality is more essential than ever to a healthy building. But that doesn't mean you need to add a lot of cost, or sacrifice energy efficiency and lose business time with complicated upgrades. Honeywell's small and medium building solutions can help your building meet or exceed health and safety recommendations related to air quality, helping keep your building safe, healthy and comfortable which can improve business continuity.

HEALTHY BUILDINGS AIR QUALITY

A woman with dark, curly hair, wearing a pink ribbed sweater, is smiling and looking upwards while pushing a black shopping cart. The background is a blurred grocery store aisle with various products on shelves.

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HEALTHY AIR IS A REQUIREMENT NOT AN OPTION

A modern building supports the confidence and productivity of the people who use it. Honeywell's small and medium building solutions are built around a commercial thermostat, which increases efficiency through precise temperature control and fresh air circulation. It's a scalable, cost-effective way to ensure your building delivers a premium user experience while providing energy savings, now and as your building's demands change.

INDOOR AIR QUALITY

Honeywell's small and medium building solutions offer a platform that can provide early warnings when indoor air quality conditions fall outside predetermined parameters. The integration of environmental sensors to monitor concentrations of carbon dioxide (CO2), particulate matter (PM2.5), total volatile organic compounds (TVOC) and relative humidity creates a complete healthy building solution designs for smaller buildings. Monitoring dashboards provide a quick and powerful tool to assess the indoor air quality changes in your building.

BRING FRESH AIR INDOORS

The built-in commercial thermostat gives you the power to bring in outdoor air to balance the building's interior temperature and ensure optimum air exchange, keeping the building comfortable and energy efficient, which ultimately helps extend the life of your equipment.

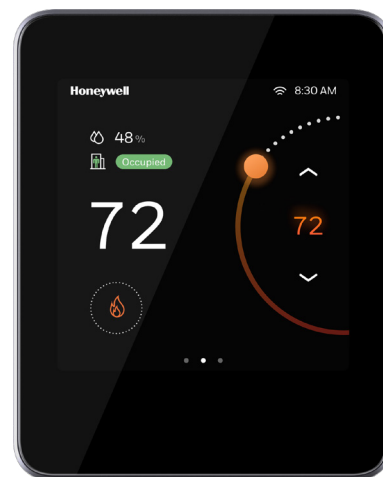
CONTROL AND FLEXIBILITY

You'll enjoy temperature and humidity control, with lots of scheduling flexibility, and easy programming to keep your building comfortable when it's occupied and save energy when it's not - without added mechanical equipment or operational cost.



CUSTOMIZATION FOR THE FUTURE OF YOUR BUSINESS

Honeywell's scalable small and medium building platforms can be customized with the features that best fit your building comfort and energy demands. Add CO2 sensors, extra temperature sensors and/or VFDs to create the custom system you want while capturing additional energy savings. Cloud connectivity for 24/7 remote control and diagnostic alerts allow you to address issues quickly — often before occupants are even aware of an issue.



MAKE BUILDING AIR QUALITY A KEY PERFORMANCE INDICATOR

Your building's air quality should be frequently checked and optimized to comply with industry regulations and guidelines, especially in times of change. Honeywell's building management products and services can help you improve your building's air quality to help create a healthier building environment while still achieving your efficiency goals.



Ventilation

Proper air exchange can dispel odors, chemicals and CO₂, while balancing energy use and reducing [disease transmission](#). Find out how our [actuators](#) and [economizers](#) can bring in the right amount of fresh air based on environmental conditions and meet building regulations.



Temperature

Maintaining proper temperatures in your building not only improves occupant comfort but can also potentially minimize the growth and spread of many pathogens. Find out how our [commercial thermostats](#) and remote [sensors](#) can optimize temperatures in your buildings, as well as provide alarm capabilities.



Humidity

High humidity levels can promote the growth of bacteria and mold and create an environment where dust mites can thrive. Lower humidity creates other concerns like dry, itchy skin, transmission of viruses and irritation of the upper respiratory system. [Humidity sensors](#) can help to manage and maintain optimal humidity levels for your building.



Pressurization

Adjust and maintain proper air flow and room pressurization to achieve efficient recirculation within a space and improve air exchange for a healthier environment. Learn how our [Venturi valves](#) provide proper pressurization in critical spaces, including restrooms.



Filtration

Controlling bacteria, pollen, pollutants and other contaminants can be done with proper filtration. Find out how our [electronic air cleaners](#) help remove and clean airborne particles before they circulate throughout your facility.



Ultraviolet light

[Ultraviolet \(UVC\) energy inactivates many viral](#), bacterial, and fungal organisms so they are less likely to replicate and potentially cause disease.



Analytics

Deploying tools that monitor your building management system 24/7 for indoor air quality and occupant behavior can help you quickly address issues. Find out more about our building set-up, management, analytics and security [software management systems](#).



Indoor air quality-Pathogen Control

Check current critical air measurements or analyze historical levels to detect important changes. Quickly and conveniently integrate a variety of sensors such as carbon dioxide (CO₂) particulate matter 2.5 (PM_{2.5}), total volatile organic compounds (TVOC), measuring temperature, and relative humidity. Integrating air treatment solutions such as UVLI and NPBI are valuable options to be proactive.

EIGHT STEPS TO A RETURN-READY BUILDING

- Manage air flow
- Control temperature
- Balance humidity
- Control and change room pressurization
- Detect and remove contaminants
- Improve air filtration
- Help clean with UV light treatment
- Meet the latest [guidelines](#)



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IMPROVE AIR QUALITY CREATE A BETTER OCCUPANT EXPERIENCE

As we all adjust to new concerns, you can take tangible steps to create business continuity and help your building thrive in the future.

Talk with one of our experts about our small and medium building solutions for healthier air quality.

Sources

1. [U.S. Department of Energy, Energy Efficiency and Renewable Energy, Building America Solution Center, Building Science Introduction – Air Flow](#)
2. Harvard Business Review, [Research: Stale Office Air Is Making You Less Productive](#), 21 March 2017
3. ASHRAE, [ASHRAE Position Document on Airborne Infectious Diseases](#), 5 February 2020
4. [Optimize Occupant Health, Building Energy Performance and Your Revenue Through Indoor-Air Hydration](#), Dr. Stephanie Taylor, M.D., M. Arch

For More Information

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#HealthyBuildings

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